

**IV. AMENDMENTS TO THE CLAIMS**

1. – 5. (CANCELED)

6. (NEW) A plunger for a syringe used for supporting and moving a gasket inserted in a syringe barrel, comprising:

a screw portion formed at a tip thereof for mounting the gasket;

a pair of ring members arranged at an interval from each other at a rear of said screw portion around a center axis of the plunger; and

a plurality of vane members arranged radially from the center axis of the plunger between said ring members;

wherein outer diameters of said ring members and said vane members are equal to an inner diameter of the syringe barrel or slightly smaller than the inner diameter;

further wherein the pair of ring members is arranged in a region of the plunger, which region is less than 1/4 of the total length of the plunger, so that when the tip of the plunger is inserted from a rear end of a syringe barrel before the screw portions is connectable to the gasket outer circumferential surfaces of the ring members and vane member all abut on an inner surface of the syringe barrel to guide the plunger.

7. (NEW) A plunger for a syringe according to claim 1,  
wherein a liquid medicine is previously filled in the syringe barrel.

8. (NEW) A plunger for a syringe according to claim 1,  
wherein eight pieces of said vane members are arranged at regular intervals and at central angles of 45°.

9. (NEW) A plunger for a syringe according to claim 1, further comprising:  
a flange portion formed at a rear end of the plunger; and  
one or two or more gripping ring members arranged near a front of the flange portion around the center axis of the plunger,

wherein outer diameters of said gripping ring members are equal to the inner diameter of the syringe barrel or slightly smaller than the inner diameter.

10. (NEW) A plunger for a syringe according to claim 4, wherein a rib is provided between ring member and the flange portion.